

AMENDMENTS TO THE SPECIFICATION

Please amend the following paragraphs as shown.

[0010] ~~FIG. 2 is color drawing~~ FIGS. 2A and 2B are drawings showing the simultaneous contrast effect.

[0018] An aspect of an embodiment of the present invention involves the concept of simultaneous color contrast. The ability to resolve apparent differences between pairs of bars is partially dependent upon the surround. ~~FIG. 2 describes~~ FIGS. 2A and 2B show this effect in an exaggerated form. All the dots ~~on the left image in FIG. 2A~~ are the same color. The different appearance is due to the perceived lateral and surround interactions of the colors around each dot. If the same background is used ~~(right image in the figure FIG. 2B)~~, the dots look alike. Thus, as in this example, corner pairs in a test calibration chart in accordance with the prior art MCC are viewed differently by manual calibrators than pairs in the middle of the page and lead to incorrect selections. The test chart of the present invention is designed to provide a background which limits contrast effects.

[0021] A preferred embodiment of the test chart of an embodiment of the present invention is shown in FIG. 3. As with earlier printers, the new calibration page relies on a user's ability to match ink from one pen output (the reference) from one printhead to a composite color produced by one or more other color pens in different printhead, e.g., the ability in one embodiment to match a composite color produced by yellow, cyan and magenta from one or more first printheads to a gray reference color created from black ink from one or more second printheads. The pattern shown in FIG. 3 comprises a page ~~[[10]] 104~~ with a plurality of color swatches ~~[[20]] 204~~ disposed in an area ~~[[30]] 304~~ on the page. The color swatches are formed from the ink from one or more pens in one or more first printheads, e.g., yellow, cyan, and magenta in a preferred embodiment. In a preferred embodiment, the volume from a yellow ink pen is held constant across the plurality of swatches, and the volumes from the cyan and magenta ink pens are varied in each of the different color swatches. In the embodiment shown in FIG. 3, the percentage of cyan varies along the horizontal axis, while magenta varies along the vertical axis. The ink from a pen from one or more second printheads, e.g., black ink, is

used to form the background and is held constant. In the embodiment of the chart shown in the figure, 81 swatches are shown, numbered from left to right in the top row from 1-9, and from left to right in the bottom row as 73-81.